

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

District and station	Elevation of instruments			Pressure			Temperature of the air										Precipitation	Wind			Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms						
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station	Sea level	Departure from normal	Mean max. + min. + 2	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean Minimum	Greatest daily range	Mean temperature of the dew-point		Mean relative humidity	Total	Departure from normal								Days with 0.01 inch or more	Average hourly velocity	Prevailing direction	Maximum velocity		
																															Miles per hour	Direction	Date
Panama Canal	<i>Ft.</i>	<i>Ft.</i>	<i>Ft.</i>	<i>Mbs.</i>	<i>Mbs.</i>	<i>Mbs.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>F.</i>	<i>°F.</i>	<i>°F.</i>	<i>%</i>	<i>In.</i>	<i>In.</i>		<i>Mi.</i>		Miles per hour	Direction	Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms			
Balboa Heights	118	6	92		1,010.2	.0	82.8	+1.2	95	12	92	70	1	74	23	76	3.59	+7	6	8.5	nw.	24	n.	2	5	21	4	5.5	.0	.0	2		
Cristobal	27	47	97		1,011.2	+4	81.6	-2	89	12	85	74	28	78	10	74	8.93	+4.8	11	12.3	ne.	26	ne.	7	7	9	14	6.2	.0	.0	4		
Alaska																																	
Anchorage 1	132	6	44	1,004.4	1,009.5		31.9	-3.5	56	30	42	-21	2	22	38	20	62	.23	-2	5	5.5	n.	20	s.	22	7	9	14	6.5	1.4	.0	0	
Fairbanks 1	455	4	63	993.9	1,011.5		25.0	-4.4	57	28	40	-32	3	10	56	14	64	.01	-3	1	5.1	n.	29	w.	14	11	8	11	5.4	.2	T	0	
Juneau 1	80	6	21	1,008.1	1,011.2		39.6		58	20	47	8	4	32	30	34	79	3.65		16	7.6	e.	37	e.	21	1	3	26	8.7	15.1	T	0	
Nome	22	25	56	1,009.8	1,010.5		16.4	-3.2	41	28	26	-21	2	6	30	12	78	.87	+2	8	6.8	ne.	23	e.	3	12	9	9	4.9	7.7	11.5	0	
Hawaiian Islands																																	
Honolulu	38	86	100	1,018.3	1,019.0		74.8	+1.8	80	14	79	67	4	71	11		.46	-1.6	9	11.3	e.	25	ne.	21	18	8	4	3.8	.0	.0	0		
Alaska																																	
Bethel	28	7	31	1,006.8	1,008.1		25.8	-1.8	50	29	35	-11	1	16	34	21	77	.60	.0	9	9.6	ne.	28		18	11	7	12	5.7	8.8	T	0	
Gambell	32	5	32	1,010.5	1,011.5		11.3	-7.2	37	25	18	-11	1	5	29	10	87	.83	-1	9	13.4	ne.	42	nne.	6	9	8	13	5.8	8.3	15.4	0	
Ketchikan	75	69	90	1,010.5	1,011.2		44.0	+1.4	58	13	50	30	1	38	25	38	80	10.16	.0	20	6.6	se.	26	s.	21	1	6	23	8.7	T	0	0	
Kotzebue	20	5	31	1,011.9	1,012.2		6.6	-7.4	32	28	18	-25	3	-4	34	6	87	.30	-0	6		ne.			12	6	12	5.0	4.2	13.6	0		
McGrath	331	5	31	997.3	1,010.2		23.6		54	30	39	-28	1	8	44	14	64	.10	-3	2		nw.			16	5	9	4	4	3.4	13.0	0	
Northway	1,718	5	32	946.8			24.5		57	29	39	-42	1	10	48	14	64	.28		3	5.2	nw.	28		14	8	12	10	5.7	2.0	0	0	
Summit	2,405	5	30	922.5	1,011.5		18.6		47	29	30	-30	1	7	34	12	70	.06		4		ne.	30	ese.	14	9	11	10	6.0	1.0	20.4	0	

¹ Data are airport records.² Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.³ Observations taken bihourly.⁴ Pressure (adjusted to old city elevation) temperature and hygrometric data from airport; otherwise city office records.⁵ Temperature and precipitation from city office records, other data from airport.

NOTE.—Except as indicated by notes 1, 2, 4, and 5 data in table are city office records

SEVERE LOCAL STORMS, APRIL 1944

[Compiled by Mary O. Souder]

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Henrietta, Tex.....	April 1	8 p. m.	1 1		\$1,500	Hail.....	Loss in crops, \$500; property damage, \$1,000; path 6 miles long.
Bridgeport, Tex.....	2	10 p. m.	1 4		5,000	Hail and wind.....	Property damaged; path 5 miles long.
San Antonio, Tex.....	2	11:15 p. m.	1 3		1,005,000	Hail.....	Property damaged, \$1,000,000; loss in growing crops, \$5,000; path 10 miles long.
Madison and St. Lucie Counties, Fla.	2				1,000	do.....	Loss in young cotton and corn in Madison County; in Saint L. County loss over a small area was estimated to be from 5 to 25 percent to tomatoes, beans, and citrus.
Waveland, Ind.	7					Electrical.....	Barn burned, loss several thousands of dollars.
Hamilton County, Tex.	8	6 p. m.	1 10		325,000	Straight-line wind and hail.	Property damaged, \$250,000; loss in crops, \$75,000; path 25 miles long.
McPherson County, Kans.	8	do.	1 15		25,000	Hail.....	Property damaged; path 30 miles long.
Pottsville, Tex.....	8	do.	1 2½	1	1,000,000	Tornado.....	Property damaged; 7 persons injured; path 10 miles long
Graham, Tex.....	8	7:30 p. m.	1 6			Hail.....	Loss in growing wheat and property damage not estimated; path 10 miles long.
Kingfisher County, Okla.	8	9 p. m.			10,000	Wind.....	Property damaged.
Tillman County, Okla.	8		440		4,000	do.....	2 persons injured; property damaged, \$1,000 loss in crops, \$3,000; path 1 mile long.
Beaver County, Okla.....	9	6:30 p. m.	75	0	2,250	Tornado.....	Buildings damaged on 4 farmsteads; path 25 miles long.
Kiowa County, Okla.....	9	do.	220	0	50,000	do.....	3 persons injured; 11 city homes damaged, 3 farmhouses partially destroyed, 1 farmhouse carried 440 yards. Cotton oil mill and 3 business houses destroyed; path 5 miles long.
Washita County, Okla....	9	do.	1 3	1	500,000	Tornado and hail.....	At least 3 distinct storms running side by side; 10 persons injured; 75 homes and many barns destroyed; path 14 miles long.
Seward County, Kans....	9	6:45 p. m.	220	0	170,000	Tornado.....	Storm originated near Turpin, Okla. Chief damage to Army Airfield short distance west of Liberal where several warehouses were wrecked. Path 20 miles long.
Lincoln County, Okla....	9	7 p. m.		0		do.....	House and barn destroyed; property damaged.
Custer County, Okla....	9		1 1	0	6,000	do.....	Many homes damaged; 4 persons injured; path 45 miles long.
Indianapolis, Ind.....	9			0	5,000	do.....	A dozen or more houses and garages damaged.
Creek, Okla.....	10	2 a. m.	880	4	8,500	do.....	Property damaged, \$8,000; loss in orchards, \$500; path 10 miles long.
Caddo County, Okla.....	10	3 a. m.			5,500	Hail and wind.....	Property damaged.
Nowata and Craig Counties, Okla.	10	do.	1 15		22,000	Tornadoic winds.....	1 person injured; property damaged, \$20,000; loss in crops \$12,000; path 20 miles long.
Labette County, Kans....	10	3-3:30 a. m.	1 15	0	75,000	Tornado and hail.....	Storm originated near Nowata, Okla, and extended to St. Paul, Kans., passing a short distance south of Parsons. Damage in business sections of Altamont and Edna and to 150 farmsteads. Heavy hail fell in Mount Valley and Parsons, Kans., path 65 miles long.
Craig, Okla.....	10	2:30 p. m.	1 3½	0	1,500	Tornado.....	Small farm buildings damaged; path 16 miles long.

¹ Miles instead of yards.

SEVERE LOCAL STORMS, APRIL 1944—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Reno County, Tex.....	April 10	4 p. m.....	100	0	1,100do.....	Originated 6 miles west of Hutchinson; loss in poultry; path 2 miles long.
Harvey County, Kans....	10	4:15 p. m.....	17	0	500do.....	Originated 5 miles west of Newton; 2 barns damaged; path broken and 2 miles long.
Columbia to Cross Counties, Ark.	10	6:50 p. m.-12 p. m.....	17-200	42	550,700	Tornadoes.....	304 persons injured; over 600 homes and 1,000 building destroyed or damaged. The storm moved almost directly northeastward, dipping to earth at intervals of 15 to 30 miles, with rotary winds and property destruction near the center of the path almost complete.
Boone and Montgomery Counties, Ark.	10	-----	-----	1	35,000	Tornado.....	16 persons injured; many trees uprooted in the Ouachita National forest in Montgomery County.
Marshall, Ind.....	10	-----	-----	-----	3,000	Electrical.....	A barn with 3 horses and 10 cows and considerable produce burned.
Salamonia, Ind.....	10	-----	-----	-----	1,000	Wind.....	Outbuildings blown over.
Fort Wayne, Ind.....	11	-----	-----	6	-----	Squall.....	Wall of a burned building blown over killing 6 and injuring 4 persons.
Rock, Walworth, and Jefferson Counties, and Milwaukee, Wis.	11	-----	-----	-----	11,000	Wind.....	Trees razed; utility lines down, barn wrecked and several silos and small farm buildings blown over. Greatest damage in Beloit where the storm struck shortly after 4 a. m. lasting for about half an hour, with estimated loss of \$10,000. The same storm reached greatest intensity in Milwaukee at 6:42 a. m., causing minor damage estimated at \$1,000.
Walhalla, S. C., vicinity of.	11	-----	-----	1	12,000	Tornado.....	Some buildings destroyed; many trees and power lines down.
Cleburne, Independence, Randolph, and Shark Counties, Ark.	14	-----	-----	1	120,000	Tornadoes.....	11 persons injured; property damaged.
Evansville, Ind.....	14	-----	-----	0	-----	Tornado.....	Property damaged.
Anderson, Abbeville, Greenwood, and Newberry Counties, S. C.	16	1-2 p. m.....	-----	18	250,000	Tornadoes.....	Many persons injured; property damaged; path 80 miles long.
Wills Point, Tex.....	19	9 p. m.....	11	-----	1,500	Wind and hail.....	Property damaged; path 2 miles long.
Albany, Tex., vicinity of.	21	7 p. m.....	11	-----	1,500	Hail.....	Property in oil field damaged; path 3 miles long.
Eastland, Tex.....	21	7 p. m.....	-----	-----	-----	do.....	Severe loss in crops and property damage not estimated.
Jefferson and Henry Counties, Iowa.	21	-----	-----	0	17,250	Tornado.....	Property damage.
Allen and Anderson Counties, Kans.	22	5:30-5:45 p. m.....	13	-----	12,000	Heavy hail and wind..	Most of damage from wind that reached tornadic violence in some parts of the path which was 32 miles long.
Madison County, Fla.....	22	-----	-----	-----	1,000	Hail.....	Loss in tobacco crop.
Greely, Scott, Wichita and Stanton Counties, Kans.	22-23	p. m.....	-----	-----	200,000	Heavy, clinging snow and high wind.	Loss extended from Scott City to Tribune, Kans. Much damage to power and telephone lines in Stanton County.
Indianapolis, Ind.....	23	p. m.....	-----	-----	6,000	Electrical.....	Windows blown out; trees and wires down; house burned.
Kokomo, Ind.....	23	do.....	-----	-----	-----	Wind.....	Several houses unroofed; garage destroyed; chimneys toppled.
Oklahoma County, Okla.	23	-----	-----	-----	-----	do.....	8 oil derricks damaged.
South Hill, Va., 6 miles northwest.	24	7 p. m.....	100	3	5,000	Tornado.....	Damage limited to several homes.
Hammond, Ind.....	24	-----	-----	0	-----	Small tornado.....	Slight damage in Hammond, Ind. The storm then moved northeastward into Lake Michigan.
Beckman County, Okla..	25	6:30 p. m.....	-----	-----	-----	Hail.....	Some replanting of corn necessary over small areas; considerable property damage.
Edisto Island, S. C.....	27	3 a. m.....	165	0	2,000	Tornado.....	Damage to buildings.
Protection, Kans., vicinity of.	29	8:15 p. m.....	440	0	10,000	do.....	Storm moved south-southwest with damage to rural property path 9 miles long.
Clark and Comanche Counties, Kans.	29	8:30 p. m.....	11	0	40,000	do.....	Originated about 15 miles northeast of Ashland, Kans. Damage to rural property; buildings demolished and poultry and livestock killed; path 6 miles long.
Pratt County, Kans.....	29	10:45 p. m.....	110	0	15,000	do.....	Originated in the vicinity of Croft and ended near Pratt, Kans. Damage to farm property; path 20 miles long.
Hondo, Tex.....	30	2 a. m.....	11	-----	3,000	Hail.....	Loss in oats and corn; small property damage; path 3 miles long.
Grant County, Wis.....	30	3-4 p. m.....	-----	-----	2,000	Wind.....	Trees uprooted; utility poles and wires down; barn moved off its foundation; small farm buildings unroofed.
Craig County, Okla.....	30	6-6:30 p. m.....	11	0	14,000	Tornado and hail.....	Loss in crops, \$10,000; property damage, \$4,000; path 20 miles long.

¹ Miles instead of yards.